

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'27'', long 81°38'57'', Aiken County, Hydrologic Unit 03060106, on right upstream side of concrete culvert on Road 4, 0.5 mi west of H area, 0.9 mi southwest of junction of SRS roads 4 Savannah River Site.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Data collection platform. Elevation of gage is 230 ft above sea level (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.05	.02	.02	e3.8	.02	.02	.14	.01	.13	.01	.02
2	.04	.06	.02	e1.0	.34	.03	.02	.02	.01	.09	.01	.02
3	.04	.03	.02	e.91	.06	.03	.02	.02	.01	.03	.01	.02
4	.05	.03	.02	.05	.09	.03	.02	.02	.01	.02	.01	.02
5	.04	.03	.02	.05	.04	.03	.02	.02	.00	.02	.01	.02
6	.05	.05	.02	.04	.03	.03	.02	.16	.01	e.39	.01	.02
7	.05	.06	.02	.03	.02	.04	.02	.04	.01	e1.5	.01	.02
8	.03	.06	.02	.03	.02	.04	.02	.02	.00	.44	.01	.02
9	.04	.06	.02	.03	.02	.05	.02	.02	.00	.04	.01	.27
10	.05	.06	.02	.03	.02	.05	.02	.02	.00	.02	.01	.08
11	.05	.06	.02	.03	.02	.05	.02	.02	.00	e2.4	.01	.02
12	.05	.08	.02	.02	.02	.05	.02	.02	.01	e2.1	.01	.02
13	.05	.04	.02	.02	.02	.05	.02	.02	.01	1.6	.01	.02
14	.05	.03	.02	.03	.02	e.60	.03	.02	.01	.16	.01	.02
15	.05	.05	.02	e.80	.03	.04	.04	.02	.01	.07	.01	.03
16	.05	.06	.02	.04	.03	.02	.03	.02	e3.6	.05	.01	.07
17	.05	.03	.02	.31	.03	.02	.03	.02	.12	.04	.01	.02
18	.05	.02	.02	e1.1	.02	.02	.03	.01	.03	.03	.01	.02
19	.05	.02	.02	.04	.02	.02	.03	.01	.02	.02	.01	.02
20	.05	.02	.01	.03	.02	.02	.03	.01	.03	.02	.70	e1.1
21	.05	.02	.01	.02	.02	.02	.03	.01	.03	.02	.05	.49
22	.08	.02	.02	.02	.02	.02	.03	.01	.02	e1.1	.01	.03
23	.09	.02	.02	e2.8	.02	.02	.02	.01	.02	.11	.02	.02
24	.09	.02	.02	e2.1	.02	.02	.03	.01	.02	.03	.02	.02
25	.08	.02	.02	.09	.02	.73	.05	.01	.02	.02	.02	.02
26	.08	.02	.40	.04	.02	.86	.05	.01	.19	.02	.02	e.39
27	.05	.02	.03	.03	.02	.05	.05	.01	.05	.02	.02	1.5
28	.06	.02	.02	.03	.02	.03	.04	.01	e.60	.02	.02	e2.5
29	.05	.02	.02	.02	---	.02	.03	.01	e2.4	.01	.02	.23
30	.04	.02	.02	.02	---	.02	e.91	.01	.16	.02	.02	.07
31	.04	---	.02	.05	---	.02	---	.01	---	.01	.03	---
TOTAL	1.64	1.10	0.99	8.93	4.83	3.05	1.72	0.76	7.41	10.55	1.14	7.12
MEAN	.053	.037	.032	.29	.17	.098	.057	.025	.25	.34	.037	.24
MAX	.09	.08	.40	2.8	3.8	.86	.91	.16	3.6	2.4	.70	2.5
MIN	.03	.02	.01	.02	.02	.02	.02	.01	.00	.01	.01	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1999, BY WATER YEAR (WY)

MEAN	.18	.12	.19	.32	.30	.26	.14	.074	.22	.21	.17	.17
MAX	.58	.27	.51	.56	.65	.49	.36	.16	.44	.34	.32	.27
(WY)	1995	1993	1998	1993	1998	1998	1998	1998	1995	1999	1995	1993
MIN	.053	.030	.032	.092	.055	.083	.025	.009	.067	.077	.022	.026
(WY)	1999	1997	1999	1996	1996	1997	1994	1994	1996	1993	1997	1994

SAVANNAH RIVER BASIN

021973012 CROUCH BRANCH NEAR H-AREA AT SAVANNAH RIVER SITE, SC--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1992 - 1999	
ANNUAL TOTAL	89.51		49.24			
ANNUAL MEAN	.25		.13		.20	
HIGHEST ANNUAL MEAN					.32	
LOWEST ANNUAL MEAN					.13	
HIGHEST DAILY MEAN	5.3	Mar 8	3.8	Feb 1	7.0	Jan 8 1993
LOWEST DAILY MEAN	.01	Dec 20	.00 **	Jun 5	.00	* Apr 26 1994
ANNUAL SEVEN-DAY MINIMUM	.02	Dec 15	.00	Jun 5	.00	* Apr 26 1994
INSTANTANEOUS PEAK FLOW			Unknown	Jun 16	Unknown	Jun 16 1999
INSTANTANEOUS PEAK STAGE			6.12	Jun 16	6.12	Jun 16 1999
10 PERCENT EXCEEDS	.53		.13		.40	
50 PERCENT EXCEEDS	.05		.02		.03	
90 PERCENT EXCEEDS	.02		.01		.01	

* Also occurred many days every year.

** Also occurred Jun. 8-11.

e Estimated

